

THE MORTON ARBORETUM

Joy Morton, founder



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PLANTS WITH A FUTURE?

What promising new or little known ornamental woody plants are being grown in the Arboretum greenhouses, frames and nursery beds? To answer this question for the benefit of those wishing to keep informed of our experimental activities, the Arboretum has for some years issued periodically an annotated list of the plant acquisitions appearing to have the greatest future. The current listing follows:

Consisting for the most part of small immature stock still untested locally as to hardiness, adaptability and ornamental possibilities, it should be emphasized that the Arboretum cannot at this time furnish either propagating material or plants of anything listed. Once established, however, the usual distribution policy will be resumed. Of course, in instances where nursery sources are indicated, plants will in all probability be immediately available from them.

Trees

Acer ginnala "Durand Dwarf," Durand Dwarf Amur Maple

An extremely compact dwarf clone originating as a witches'-broom on an ordinary Amur Maple in Durand Eastman Park, Rochester, New York. Appears very promising.

Acer platanoides globosum atropurpureum, Purple Globe Norway Maple

A purple leaved globe headed form of Norway Maple grown from scions from Cedergren & Co., Raa, Sweden.

Acer platanoides Waldsteini, Norway Maple variety

One of the numerous colored foliage variations of the Norway Maple, a tree whose leaves are densely speckled with white dots.

Acer rubrum Wageri, Red Maple variety

Red Maple variety with gracefully weeping twigs.

Aesculus hippocastanum laciniata, Cutleaf Common Horsechestnut

Horsechestnut with deeply cut foliage.

Aesculus octandra "Purple Foliage," Purple leaved Yellow Buckeye
A cultivar whose new foliage displays a distinct purplish cast.

Ailanthus altissima erythrocarpa, Redfruit Tree of Heaven

Very decorative bright red fruit is the most prominent feature of this Tree of Heaven variety. Its foliage is darker green than the type and more glaucous beneath.

Cornus florida rubra "Cherokee Chief," Cherokee Chief Flowering Dogwood

Clean, rich ruby red flowers, bright red new growth and scarlet fall foliage coloring are characteristics of this strong growing recently patented dogwood.

Fagus sylvatica Zlatia, Golden European Beech

A beech with bright yellow young foliage which eventually turns green.

Fraxinus holotricha "Moraine," Moraine Ash

An oval shaped Ash originating at the Siebenthaler Nursery in Dayton, Ohio. Has dense, dark green foliage which it holds late in the season.

Fraxinus pennsylvanica lanceolata "Niobrara," Niobrara Green Ash

A new rapid growing pyramidal tree similar in habit to Pin Oak. Offered by the Cole Nursery Co. of Painesville, Ohio.

Fraxinus pennsylvanica lanceolata "Summit," Summit Green Ash

Straight trunked, symmetrically headed tree introduced by Summit Nurseries of Stillwater, Minnesota.

Magnolia kobus borealis "Wada's Form"

Free blooming selection of the Northern Kobus Magnolia contributed to the Arboretum collection by the University of Washington Arboretum, Seattle.

Malus Neville Copeman, Neville Copeman Crabapple

Handsome red flowered crabapple with bright orange red fruit in autumn. Contributed by the R. C. Notcutt Nursery Ltd., Woodbridge, Suffolk, England.

Pyrus Calleryana "Bradford," Bradford Callery Pear

A Fire Blight resistant ornamental Chinese Pear introduced by the United States Department of Agriculture. Bears a profusion of white flowers and has excellent fall foliage color.

Prunus salicina koreana, Korean Plum

The Korean counterpart of the free blooming white flowering Japanese Plum.

Robinia pseudoacacia inermis, Thornless Black Locust

A street tree of great potentiality in dry, arid regions.

Tilia cordata "Swedish," Swedish Littleleaf Linden

A selection of the shapely, oval headed Littleleaf Linden with yellowish bark. Came to us from the Morden Experimental Station, Morden, Manitoba.

Tilia platyphyllos laciniata, Cutleaf Bigleaf Linden

Deeply cut and irregularly lobed leaves set this smaller form of the Bigleaf Linden apart.

Tilia Redmond, Redmond Linden

Has characteristics which suggest the possibility of its being a clone of the handsome Crimean Linden, *Tilia euchlora*. It is closed branched and compact, has reddish buds and twigs and glossy green foliage.

Ulmus hybrid "Improved Coolshade" (Patent 1747) Improved Coolshade Elm

A rapid growing hybrid elm of medium height (35 to 50 ft.) with a straight trunk and compact oval head. Said to be very hardy, tolerant of soils and drouth, highly resistant to insects and diseases and unusually tough as regards breakage from wind or ice.

Conifers

Abies lasiocarpa arizonica "Blue," Blue Corkbark Fir

The distinctive blue needled form of the handsome Arizona Fir. As the common name suggests, the tree's creamy white bark is thick and corky. From the D. Hill Nursery, Dundee, Illinois.

Juniperus communis echiniformis, Hedgehog Common Juniper

Evidence of the true dwarf character of this slow growing rounded pygmy is the fact that since the plant was received four years ago it still measures only 4 inches high and 8 inches across.

Juniperus communis Kiyonoi, Kiyonoi Common Juniper

One of the narrowest growing of the upright Junipers. Discovered among a lot of Junipers communis seedlings by T. Kiyono of the Cottage Hill Nursery, Mobile, Alabama.

Juniperus horizontalis "Glenmore," Glenmore Creeping Juniper

The picturesque, trailing character of this interesting creeping Juniper from Robert E. More's Glenmore Arboretum at Buffalo Creek, Colorado suggests its possibilities as a bonsai subject.

Larix decidua pendulina, Weeping European Larch

An unusual, wholly pendulous variety of the well known European Larch. Lacking a leader, the tree is said to eventually develop a graceful umbrella shaped head.

Picea glauca pendula, Weeping White Spruce

This weeping variety of the native White Spruce was discovered in the wild near Guelph, Ontario. The Arboretum obtained it from the D. Hill Nursery in Dundee, Illinois.

Picea pungens glauca compacta, Dwarf Colorado Blue Spruce

Still very difficult to procure is the dwarf variety of the well known Colorado Blue Spruce. Arboretum plants were grown from propagating wood from the Robert H. Montgomery Conifer Collection at the New York Botanical Garden.

Pinus heldreichi leucodermis aureo-spicata, Heldreich Pine variety

A pine noticeable because of the yellow coloring of its needles in spring.

Pinus nigra corsicana, Corsican Pine

Very twisted needles are the distinguishing feature of this clone of the Corsican Pine from Southern Europe.

Pinus ponderosa pendula, Weeping Rocky Mountain Ponderosa Pine

Both pendulous branches and long drooping needles give this Ponderosa Pine variety special interest.

Pinus strobus contorta, Contorted White Pine

As the name suggests, a twisted or contorted needled White Pine.

Taxus baccata #1, English Yew

A hardy columnar form of the English Yew found in the cold sections of Norway. Grown from cuttings from Mr. K. Flinch, Bjuv, Sweden.

Taxus baccata #2, English Yew

A shrubby type from Central Sweden. Grown from cuttings from the same source as the preceding plant.

Thuja occidentalis "Techny Dark Green," Techny Dark Green Arborvitae

A very dark foliaged, compact selection of the American Arborvitae which retains its rich green coloring unchanged throughout the winter. An origination of Mission Gardens, Techny, Illinois.

Tsuga canadensis prostrata, Prostrate Eastern Hemlock

An interesting, very flat almost prostrate hemlock. Originated at Kingsville Nurseries, Kingsville, Maryland.

Shrubs

Buddleia davidi nanhoensis

The compactness of this dwarf (not over 5 ft.) Butterfly Bush should be of interest to anyone with a limited planting area. The foot long clear lavender flowers occur during July and August. Available from Wayside Gardens, Mentor, Ohio.

Buxus microphylla japonica, Japanese Littleleaf Boxwood

Although the past winter proved a severe test for this larger, glossier leaved boxwood, normally it may be counted on to hold up almost as well as the Korean Box.

Buxus sempervirens "Agram"

A columnar boxwood collected near Skoplje, Vardos River Valley, Macedonia. Brought to this country and distributed by the Plant Introduction Station of the United States Department of Agriculture.

Buxus sempervirens "Vardar Valley"

Another promising European boxwood which Dr. Edgar Anderson of the Missouri Botanical Garden introduced from the Vardar Valley of Yugoslavia in 1935. Contributed to the Arboretum collection by Kingsville Nurseries.

Chaenomeles lagenaria "Rowallane," Rowallane Japanese Quince

A new low grower from England notable for its intensely brilliant vermillion red flowers and deep toned green foliage. Attains a height of 24 to 30 inches and a width exceeding the maximum height.

Cornus alba sibirica "Westonbirt," Westonbirt Siberian Dogwood

A winter interest shrub known especially for the attractive coral red coloring of its twigs.

Daphne cneorum marginata, Rose Daphne variety

In addition to its floral interest this variety of the Rose Daphne has attractive creamy margined foliage.

Euonymus europaea nana, Dwarf European Euonymus

The true dwarf form obtained from Uppsala, Sweden in 1957. Maximum height 3 feet.

Euonymus kiautschovicus "Flagpole"

A slender, upright growing selection suggested for narrow evergreen hedging. Its hardiness remains to be tested as most "*kiautschovicus*" types are tender here.

Forsythia "Golden Sun"

Brilliant yellow foliage features this Forsythia creation of Dr. Karl Sax of the Arnold Arboretum.

Forsythia intermedia aurea, Yellow leaved Border Forsythia

Another yellow leaved form, a taller grower which came from the Beardslee Nursery, Perry, Ohio.

Forsythia intermedia Mertensiana

A dwarf Forsythia of greater vigor than "*bronzensis*." Received from the Holden Arboretum in Cleveland.

Ilex verticillata aurantiaca

A winterberry with orange colored fruit. Another contribution of the Holden Arboretum.

Mahoberberis aquicandidula

This new broad-leaved evergreen hybrid (*Mahonia aquifolium* x *Berberis candidula*) was introduced into the United States from Sweden in 1948 by the Arnold Arboretum. Being rust resistant and having withstood twenty degree below zero temperature without injury, its performance here is being watched with more than ordinary interest.

Mahoberberis aquisargenti

Mahonia aquifolium and *Berberis sargentii* are the parents of this hybrid originating in Sweden in 1944. If it proves hardy it will be a welcome addition to the limited list of broadleaved evergreens which can be grown locally.

Mahonia aquifolium "Donewell," Donewell Oregongrape

Smaller, finer textured foliage of glossy green and a dwarf, more compact habit of growth are the chief points of distinction of this introduction of the Donewell Nursery, Painesville, Ohio.

Philadelphus "Galabud"

Skinner's Nursery Ltd., of Dropmore, Manitoba, the introducer of this dwarf (4 ft.) Mock Orange, describe it as a free flowering upright shrub with small glossy leaves and medium sized very fragrant flowers.

Pieris japonica "Pink Form," Pink Flowered Japanese Pieris

An attractive broad leaved evergreen with pink, rather than the typical white, lily of the valley-like flowers. Requires an acid soil.

Pieris japonica variegata, Whiterim Japanese Pieris

A Japanese Pieris variety with smaller, variegated creamy margined foliage.

Rhododendron mucronulatum "Cornell Pink," Cornell Pink Korean Rhododendron

Pinkish lavender flowers characterize this variation of the hardy, very dependable Korean Azalea.

Rosa gallica complicata

Five feet is the ultimate height of this arching branched French rose with beautiful large single pink flowers. From the University of Washington Arboretum in Seattle.

Rubus cockburnianus (syn. *giraldianus*)

Gracefully arching branches covered with a remarkable white waxy coating lend distinction to this fountain-like bramble from China. Its hardiness may be questioned.

Syringa velutina (syn. "*palibiniana*") on standards, Manchurian Lilac

Symmetrically round headed plants on standards 36 to 40 inches tall. The type plant, a native of North China and Korea, has small, clean green foliage and lavender-lilac flowers in June.

Syringa wolfii variegata, Variegated Wolfs Lilac

Tricolor foliage, pale green with a creamy margin edged pink is the most conspicuous feature of this fragrant lilac flowered variety.

Viburnum bodnantense

A tall growing, early flowering species with deep pink flower buds opening to fragrant rose pink flowers.

Viburnum cassinoides nanum, Dwarf Witherod Viburnum

A low growing variety of the decorative Witherod Viburnum, a species widely admired for its multicolored fruit and vivid autumn foliage color.

Viburnum dilatatum J.D.S., Linden Viburnum selection

The Siebenthaler Nursery Co. of Dayton, Ohio were responsible for the selection of this freer fruiting strain of the red berried Linden Viburnum. Plants for our collection were contributed by this firm.

Viburnum lantana aurea, Yellowleaved Wayfaringtree Viburnum

The familiar Wayfaringtree Viburnum in a yellow leaved form.

Viburnum tomentosum rosace, Pink Doublefile Viburnum

Through the courtesy of its introducer, Mr. Carl E. Kern of the Wyoming Nurseries in Cincinnati, Ohio, the Arboretum has been given a true to name plant of this lovely, rare pink flowered Viburnum.

Viburnum trilobum "Pink Flowered"

The American Cranberrybush Viburnum also occurs in a pink flowered form, a plant originating at the Gellatly Nut Nurseries, Westbank, British Columbia from where the Arboretum obtained it.

E. L. Kammerer

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